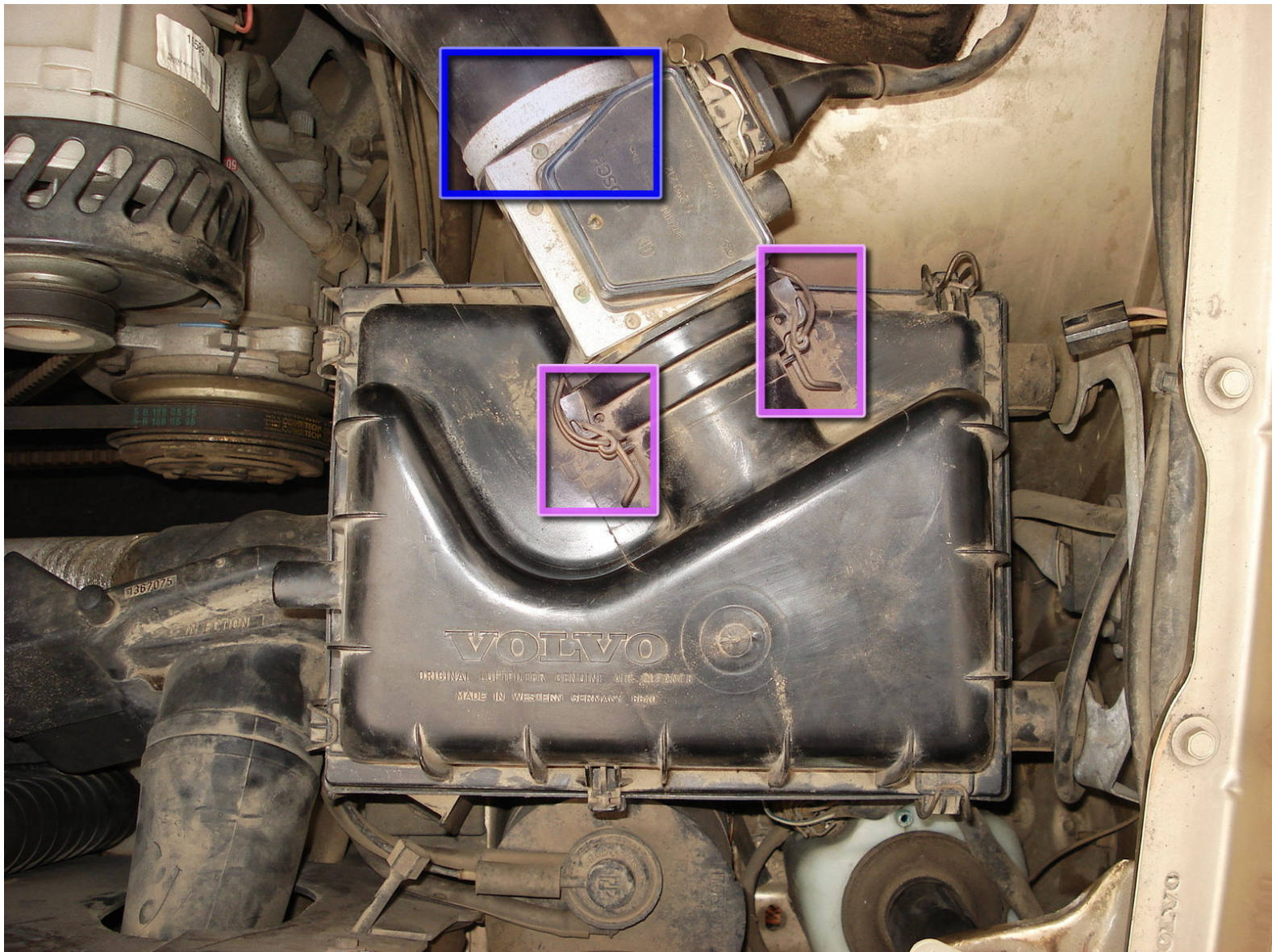




1985-1988 Volvo 740 Mass Air Flow (MAF) Sensor Maintenance

The mass air flow sensor measures the amount of air flowing through the engine. It must be cleaned/replaced to ensure the car runs properly.

Written By: Isaac Nitschke





TOOLS:

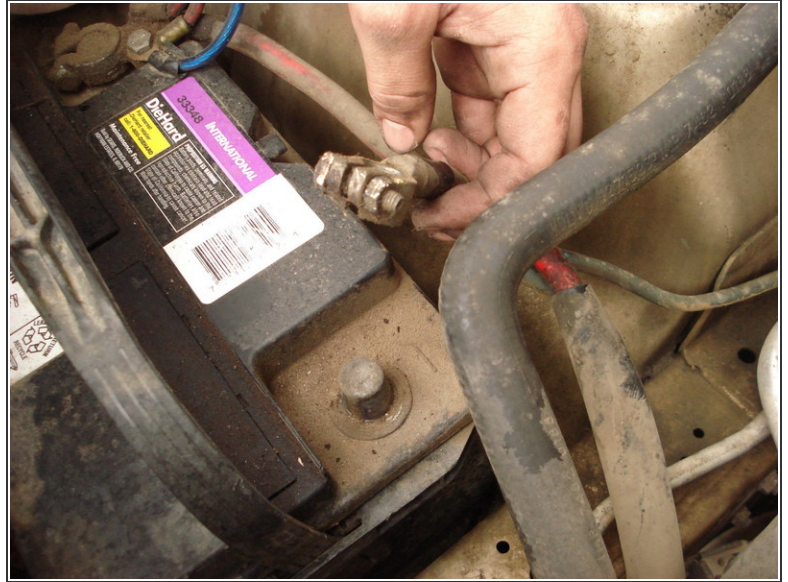
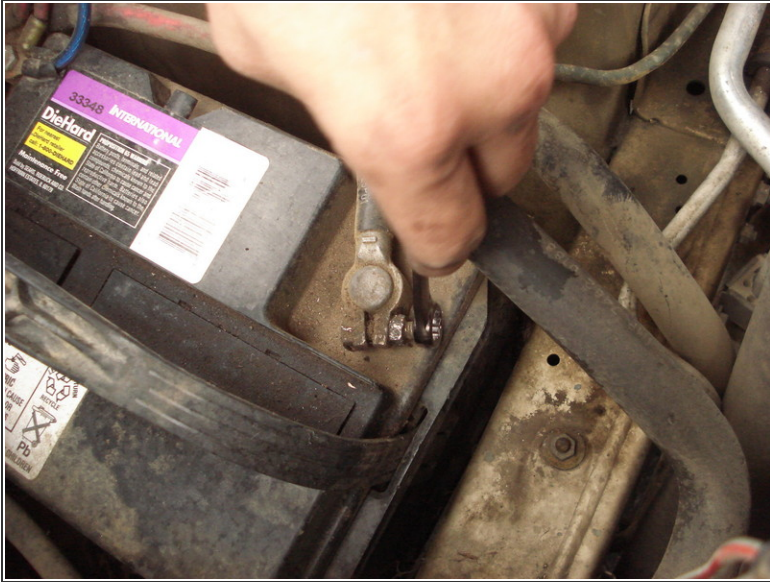
- [Flathead Screwdriver](#) (1)



PARTS:

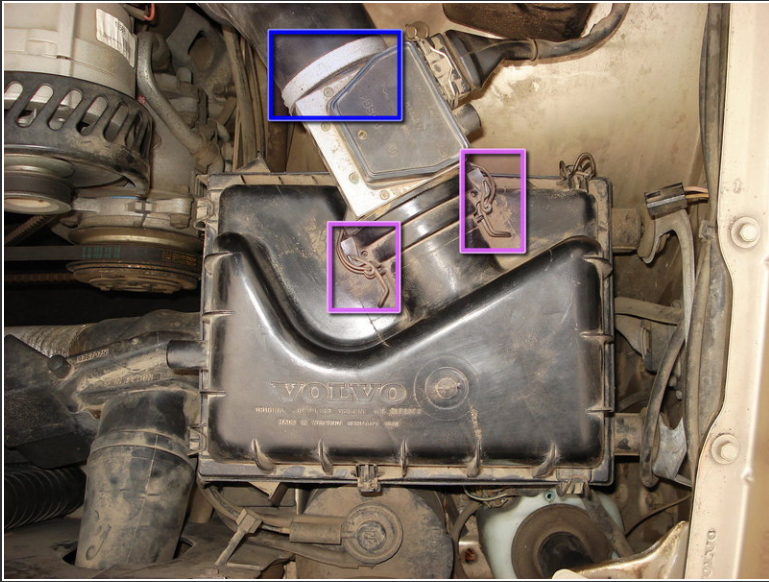
- [Mass Air Flow Sensor cleaner](#) (1)
- [Automotive Electrical Cleaner](#) (1)
- [Dielectric cleaner](#) (1)

Step 1 — 1985-1988 Volvo 740 Preparing Car For Work



- Firstly Disconnect battery
 - **Always** take the **negative** terminal off first.
 - **General Tip** After disconnecting the battery leave the car for about 10 mins , This lets any residual energy left in the electrical system to dissapate. It is good practise whatever the job

Step 2 — 1985-1988 Volvo 740 Mass Air Flow (MAF) Sensor Maintenance



- Unlatch the 2 clasps.
- Loosen screw on metal band.

Step 3



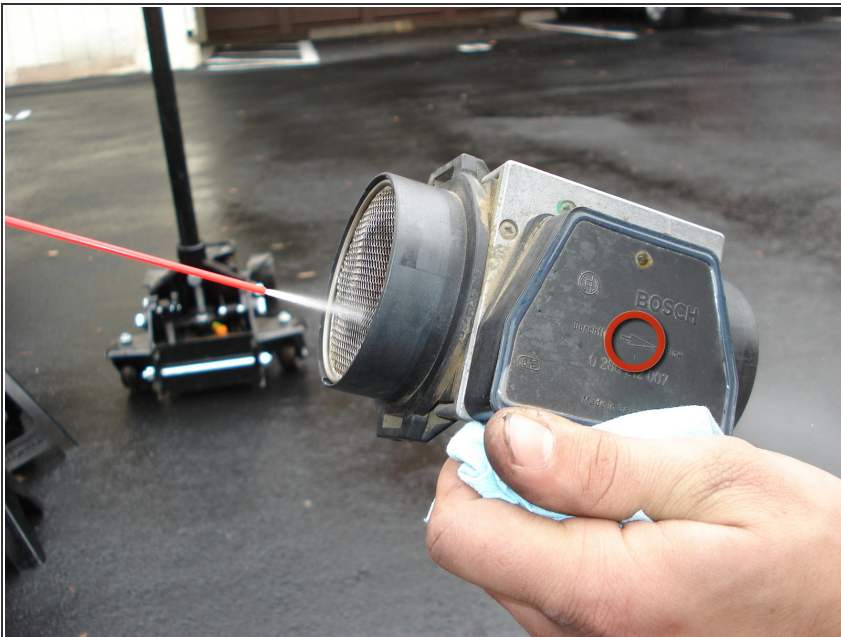
- Disconnect electronic sensor.
- Press on the 2 latches, pulling the cable away from sensor.

Step 4



- Disconnect hose from MAFS.
- Remove MAFS.

Step 5



- ① Steps 4-6 are for cleaning only.
- Spray MAFS cleaner along direction of travel, shown by arrow.

Step 6



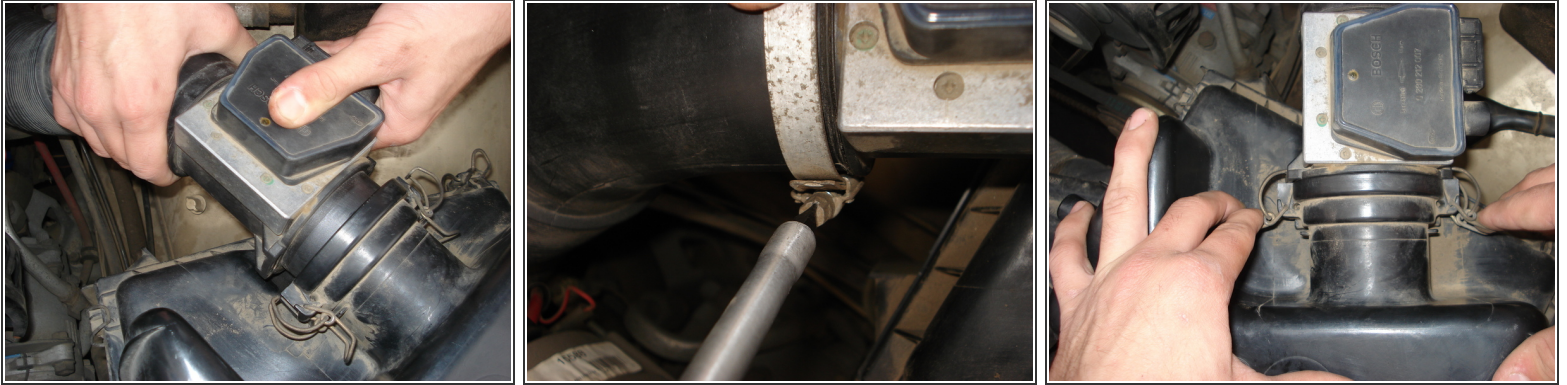
- Clean electronic coupling with electronics cleaner.

Step 7



- Inject conducting lubricant into MAFS electronic coupling.

Step 8



- Re attach MAFS to air filter housing and intake hose.
- Tighten screw on metal band.
- Latch clasps on either side of MAFS.

Step 9



- Re attach electronic cable to MAFS.

To reassemble your device, follow these instructions in reverse order.

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